

PATENT  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Attorney Docket No. 03493.81882)

In the Application of: )  
)  
**CHIU, Angela, et al.** )  
) Before the Examiner:  
Serial No. (Unknown) )  
)  
Filed: )  
) Group Art Unit:  
For: **METHOD AND APPARATUS FOR AN** )  
**ARCHITECTURE AND DESIGN** )  
**OF INTERNET PROTOCOL** )  
**QUALITY OF SERVICE** )  
**PROVISIONING** )

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents  
Washington, DC 20231

Dear Sir:

In order to comply with Applicant's duty of disclosure pursuant to 37 C.F.R. §1.97 and §1.98, enclosed are copies of the articles, publications and/or patents that are listed on the attached copy of Form PTO-1449. The articles, publications and/or patents contain information that the Examiner may consider to be important in deciding whether to allow the Applicant's patent application to issue as a patent.

1. A. K. Parekh and R. C. Gallager, "A Generalized Processor Sharing Approach to Flow Control in Integrated Services Network: The Multiple Node Case," *IEEE/ACM Transactions on Networking*, April 1994, pp. 137-150.

2. A. K. Parekh and R. C. Gallager, "A Generalized Processor Sharing Approach to Flow Control in Integrated Services Networks: The Single-Node Case," *IEEE/ACM Transactions on Networking*, June 1993, pp. 344-357.

3. J. Padhye, V. Firoiu, D. Towsley and J. Kurose, "Modeling TCP Throughput: A Simple Model and its Empirical Validation," *In Proceedings of Sigcomm 98*, pp. 1-12.
4. V. Jacobson, K. Nichols, K. Poduri, "An Expedited Forwarding PHB", *IETF RFC2598*, June 1999, pp.1-10.
5. S. Blake, D. Black, M. Carlson, E. Davies, Z. Wang and W. Weiss, "An Architecture for Differentiated Services," *RFC2475*, December 1998, pp. 1-36.
6. S. Shenker, C. Partridge and R. Guerin, "Specification of Guaranteed Quality of Service," *IETF RFC2212*, September 1997, pp. 1-20.
7. J. Wroclawski, "Specification of the Controlled-Load Network Element Service," *IETF RFC2211*, September 1997, pp. 1-19.
8. S. Floyd and V. Jacobson, "Random Early Detection Gateways for Congestion Avoidance," *IEEE/ACM Transaction on Networking*, August 1993, pp. 1-32.

In accordance with MPEP Sections §609 and §707.05(b) it is requested that the documents cited by the Applicant be given thorough consideration and that they be cited of record in the prosecution history of the Applicant's patent application by initialing on Form PTO-1449.


Applicant's Information Disclosure Statement is submitted in compliance with 37 C.F.R. §1.56 as an Examiner might consider the cited documents important in deciding whether to allow the application to issue as a patent, but the citation of these documents are not to be construed as an admission that such documents are necessarily relevant or prior art. No representation is intended that the cited documents represent the results of a complete search, and it is anticipated that the Examiner in the normal course of examination, will make an independent search and will

determine the best prior art consistent with 37 C.F.R. §1.104(a) and §1.106(b), and in the course of such search will review for relevance the documents cited on the attached form even if not initialed.

Early and favorable consideration is respectfully requested.

Respectfully submitted,

By:



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Date: December 30, 1999